

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [7413] RE:
Message-ID: <19961229.031333.4679.0.wb2vuo@juno.com>

>----- Begin forwarded message -----
>From: Bruce Rattray <RATTRAY@siast.sk.ca>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject:
>Date: Sun, 29 Dec 1996 09:45:51 -0600 (CST)

>Just worked my first DX on qrp - running 5 watts to 2 el tribander at 50
ft
>and worked G3PJT + EA3ATM....the band is OPEN....good luck - 73 Bruce
(VE5RC)
>QRP-L#886 - "How sweet it is!"

----- End forwarded message -----

Very nice, but What band is open?
^^^^

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [7418] 20m SSB QRP
Message-ID: <Pine.A32.3.93.961229130137.77117A-100000@weyl.math.Virginia.EDU>

Thanks to the RAC (Radio Amateurs of Canada) contest, I finally
made it across the pond this morning, working EA1MK while all
the US stations were chasing Canadians!

Also worked TWO South Dakota stations in the contest (WD0T and
K0TPF, in the RAC contest -- US contacts count too!).

Yesterday, I had a ragchew quality QSO with K6TOM in Bakersfield CA.
He happened to know one of my former high school teaching colleagues
in Bakersfield; we also adm9red each others vanity calls ;-)

I'm using the Small Wonders Labs White Mountain 20 (WM-20) into
a 10 watt amp (yes, 10 w pep output is QRP on SSB!), and a dipole
at 35'.

72, Ralph N7RI
Charlottesville VA

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7424] al7fs 291930zDec96 Off air for now.
Message-ID: <jlarsen3641930050>

bands no good. off to the beach.

jim

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [7422] al7fs/kh6
Message-ID: <4306371229121996/A26261/RIEL/11ACEB232E00*@MHS>

Jim...what freq?...I'll look for you...73 Bruce (VE5RC) QRP-L#886
rattray@siast.sk.ca
"QRP - How sweet it is!"

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7420] al7fs/kh6 ARGH!!
Message-ID: <jlarsen3641824280>

Bands not cooperating. I try again in 45 min...1900z. if no
improvement, on to the beach.

73,
Jim

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7400] AL7FS/KH6 290430ZDec96
Message-ID: <jlarsen3640440070>

Beauty is in the eyes of the beholder. When I arrived back from the beach at 5:30 pm I had a note taped to my SLV. It said, "This is a real eye sore!". Can you beleive it?

Tomorrow I try 20 meters around 1600-1700Z as a start time...when I get up. I will put up the eyesore and post to qrp-l when I am on.

This is hard to work people from out here!

73,
Jim
AL7fs/KH6

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7416] al7fs/kh6 bands beginning to open
Message-ID: <jlarsen3641750020>

there are a few more sigs on 20 and now 3-4 on 30. I will go read my book and try again to check the bands at 1815. Update at that time.

73
jim

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7414] al7fs/kh6 bands dead at 1700z
Message-ID: <jlarsen3641708560>

no sigs yet today on 20.
jim

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: bachmann@ari.net
Subject: [7395] Amphenol BNC#
Message-ID: <199612290233.VAA20442@mtolympus.ari.net>

Hi,
The RG8X BNC connectors I use are from the RF connection. The part # in their catalog is 31-212/8X . They are the type that have a separate pin with a nut,washer,gasket, and clamp in addition to the plug body. The

Newark catalog only showed Amphenol part numbers 31-212, 31-212-1005(RG59 with 20 gauge center conductor), 31-212-RFX. No /8X. Except for the -1005, the 31-212 listings all show RG59 and RG62... which are 75 and 93 ohm.

RF Connection:

webpage: <http://www.therfc.com/>

email: rfc@therfc.com .

The BNCs that are the right size, except for the small hole in the pin are probably for RG59 like the 31-212s in the Newark Catalog. I've wondered if one could drill out the hole in the pin using a small bit in a pin vise, but I haven't tried it. The pin for RG8X may be physically bigger, not just a larger hole for the wire.

Some of the RG8X BNCs I've tried from other places had a one piece pin/anvil arrangement. I was using RG8X that did not have foil (only a woven copper shield) to make short cables (rig to wattmeter, wattmeter to tuner). The connections just didn't seem right so I hooked the cables up to a dummy load and swept them with an Autek. The VSWR was 1.2:1 up to ~34 MHz, the high end for the Autek. Both behaved the same. They ohm-out ok so I only use them for test equipment. I don't know if I assembled them wrong or if they need foil covered coax where the pin/anvil piece goes between the woven shield and the foil/dielectric. The BNCs from the RF Connection all swept at 1.0:1 on the dummy load using the same coax.

Standard disclaimer, I have no financial interest and no association with the RF Connection. I am just satisfied with their BNCs for RG8X.

I hope this is helpful.

73,

Rich Bachmann, N3SLR, Baltimore, MD

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: kf2ph@juno.com (Nick Franco)

Subject: [7398] Avoiding the Fox!

Message-ID: <19961228.231144.9974.4.kf2ph@juno.com>

Hi Gang es Happy New Year,

I've been having problems posting to the group lately. I post from my work PC which is on postpone so I don't think it gets to the list sometimes. I posted about my adventures of Fox hunting the other night but never saw it reflect on my home address here so I hope I'm not

repeating myself. But here goes again... sort of ...

I got home a little late and had about 20 minutes left of the foxhunt. I was looking desperately for WA5VQK according to the latest schedule I had available. Juno was down and I didn't get the latest posts about the hunt from the Fox himself. I listened to some activity down in the mud and assumed it to be the hunters. I then heard some NR xxx exchanges and knew I was hot on the trail. I heard W5FN a couple of times in there. Not a bad signal either, about 569 here on Long Island. I finally heard K3QIO calling and then I heard W5FN again. What's going on here?

The next day I found out that W5FN is acutally WA5VQK. I'm not liking these callsign changes! I missed the fox when I was trying to avoid the fox. Oh Well, there's always next time, right?

I signed CL and left the radio on while I checked the schedule for the next fox hunt. That was even more depressing because I will be out of town next week and will miss the foxhunts anyway.

All of a sudden I realized I was hearing my callsign down in the static on the rig. It was Roy Boggs - KC40 (another new callsign I didn't recognize at first). We had a nice chat and I felt much better about the Fox thingy. As soon as I signed with him, VE3AR called me and we had a nice ragchew before I finally retired. It turned out to be an OK night after all.

OK. So now I'm ready for the next Fox hunt. It doesn't take much for me to get back in the groove. I'm gonna get me one of these furballs in 1997 for sure.

Happy New Year to all es 72,
Nick - KF2PH

Nick Franco <>< KF2PH/qrp
QRP-L # 13 NE-QRP # 349 ARS # 128
Music Minister - Chruch of the Nazarene
Patchogue, LI NY Suffolk County

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [7426] Christmas Fox final update
Message-ID: <199612292105.QAA256654@nss2.CC.Lehigh.EDU>

Hello Gang,

I have changed some NR's ,and filled in some missing data, mostly due to operator error,mine.

On December 24,1996 I logged the following stations.

Time	Call	RST	State	Name	NR
0100	WA9PWP	579	WI	PAUL	127
0103	N5ET	559	TX	BOB	124
0105	W2NRA	569	NY	ART	524
0110	AE4IC	579	NC	BOB	54
0013	K5RV	579	LA	BRIAN	324
0120	N6MM	569	CA	HARVEY	418
0123	W6ZS	569	CA	PETE	257
0125	KE4YH	559	FL	STEW	590
0128	K5ZTY	449	TX	BILL	473
0133	AA0XI	559	CO	MARSHALL	153
0137	NN9K	599	IL	PETER	05
0138	NI0A	339	MN	JOHN	689
0142	WA1VPB	449	NC	JOHN	5W
0144	AE4VQ	579	KY	SCOTT	418
0150	KE5TF	579	TX	LINDA	5W
0153	W5XE	559	TX	RAY	256
0156	K10J	579	TX	OJ	732
0201	AA2WJ	229	TX	DICK	5W
0207	NQ7X	339	AZ	FLOYD	343
0210	W9DZ	589	IN	ALLEN	112
0215	W5TFB	569	TX	JACK	282
0219	KK7BD	229	AZ	DAN	696
0222	WB9LKC	229	WI	RAY	86
0229	KB9UA	229	IL	KEVIN	139
0234	AB5UA	229	OK	CLIFF	476
0238	W5FN	229	TX	TIM	589
0246	N4SO	449	AL	KEN	622
0249	KF8EE	579	OH	TED	302
0254	AB5OU	449	NM	TIM	73
0259	K0EVZ	229	MN	DOC	861

30 stations total

73 de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: wd4et@juno.com
Subject: [7411] Communications Headsets
Message-ID: <19961229.105848.13406.0.wd4et@juno.com>

I have the RS 20-210A communications headset. It is light, inexpensive, and works well. However, they do not have the sensitivity that my Yaesu YH-77st has. I have to run the audio level from my 40A about 20% lower than with the RS set. The Yaesu headset is just about as light but has larger ear cups on a ball joint swivel. They are comfortable and sound well on cw. Seems like I paid about \$35 for them.

73, Jeff, WD4ET

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: "J.B. Fox" <w5hir@mail.phoenix.net>
Subject: [7428] filter design
Message-ID: <199612292149.PAA17916@mail1.phoenix.net>

Somehow VE GET TOO SOON OLD, UND TOO LATE SCHMARDT!.. at least that is the old saying...Someone mentioned Filter design program(s). I have in the back of my mind Radio Sky Publishing... and seem to remember that someone came up with Almost All Digital and their program... if anyone remembers the who, what , and when... please help.

Foxy... w5hir #822

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Dave Redfearn <n4elm@passport.ipass.net>
Subject: [7396] FS: Ten-Tec Omni A & 252 MO Power Supply
Message-ID: <199612290239.VAA26914@passport.ipass.net>

For Sale:

Ten-Tec Omni A and 252 MO Power Supply
VFO control, analog display
160 - 10 Meters, 30 meter receive
0-100 watts output (adjustable)
2.4 Khz crystal filter
audio CW filter, audio notch
Full break-in on CW
RIT,VOX,RF gain

Power Supply is 13.8 Vdc, 18 - 20 amps with AMP meter.

Everything in good condition, some slight scratches.
Everything works, good beginner's rig.
with manual and DC cable.

\$325.00 + shipping USA

OR

swap for QRP gear(especially a Sierra)

73 - Dave.

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [7412] HH (Headphone Humor): Poor Ed
Message-ID: <199612291604.IAA29129@m7.sprynet.com>

On Sat, 28 Dec 96, ed.welch@cheaha.com (ED WELCH) wrote:

>I don't know about this. I stopped by a Radio Shack in Montgomery this
>evening after going to a VE testing at the VA Hospital. The phones seem
>light enough es probably comfortable enough, but for me they won't work.
>I'm a long-hair from the 70's and the light phones just don't work for
>me...they tend to slide around...move away from the ear, etc.,. Maybe
>it's my big ears or maybe I need a haircut. :) Anyhow, I'm sure they
>work well for folks with more conservative(?) haircuts es normal(?)
>ears.

So much hair your headphones fall off?! Oh, Ed... My heart *bleeds* for you.
I'm a long hair from the 70s too, but Father Time has been less kind to me.
Let me make a suggestion, Ed. If you take all the \$\$ you *don't* spend on
rogaïne (sp?), baseball caps, and SPF 1 sunscreen (1 *meg*, that is), I'm
confident you can buy a pair of headphones that will remain in place.
:-) :-) :-)

(Sorry, Ed, Old Man. It was just too irresistable :-)

I agree that comfort is important in selecting headphones, so let me know what
you find. Especially if you find a good temperature-compensating model that has

the heatsink ear pads (cuz my ears tend to overheat during contests) and the adjustable thermal headband (to keep my rapidly expanding bald spot warm and cozy).

Good luck, 72, & Happy New Year,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS LIQRP NorCal QRP-L
Ob-Shameless Plug: "Contact me for info on the Long Island QRP Club.
No dues, No officers, No boring lectures, Just QRP Fun!"

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [7425] NJQRP Meeting/Rainbow Demo
Message-ID: <199612292059.PAA26984@mail3.voicenet.com>

Group,

NJQRP held their December 1996 meeting at the home of Tony, W2GUM in Long Branch NJ. Tony and his wife Clara graciously offered to host the invasion. As usual there were lots of goodies that everyone brought along, both the edible kind and of the QRP persuasion.

Regular members in attendance were K2QJ, N2TNN, K3QIO, W2DP, W2GUM and his wife Clara, N2TO and his lady friend, KA5DVS and his wife Kathy, WA2UNN, N2SMH, KA2UPW, N2CQ and N2CX. First timer Paul Young, KC2AHB also graced us with his presence. Welcome, Paul!

As usual, everything began as a giant gab-fest. Folks showed off their MFJ, NORCAL, OHR, Autek and last, but not least homebrew gear. In the latter category Tony, W2GUM has a certified boat anchor tee-network tuner that would probably hold up to even the QRO cb abuse recently discussed on qrp-l! And there was another QRO tuner that needed its variable caps measured. The wide spacing on the caps indicated that they were *not* intended for QRP. Strange, though, they measured about twice the capacitance to be expected for their dimensions. Copies of "The History of QRP," "The Joy of QRP" and "QRP Power" were eagerly ogled and subjected to envious attention.

There was even an exchange of greenstamps for a Drake C-line. Not exactly QRP, but nice gear none the less.

We had a (thankfully short) business meeting to discuss progress on the Rainbow kitting project. So far we have proto pc boards and enough parts for four protos. Alas, there was not time to sort the parts to give to the beta

testers. N2CX had "boxed" proto number two for oohs and aahs. More about ti later. There was some discussion of how to go about the kitting process since there are an number of small precision resistors. The general consensus seemed to be that we should do something more than just throw them all in a bag without further identification, but as yet we don't have a solid plan that will be easy to implement. James, KA5DVS reported that orders are arriving at a surprising rate considering that the gate officially opens on January 1! So far he has received 20 orders. They will remain unopened and will be comingled with the first batch of orders received after January so those who jumped the gun won't get any special advantage. Bill, W2DP and Doug, KA2UPW volunteered to help with the Rainbow manual. Bill had a sample parts list with parts diagrams scanned from a catalog for identification. Good work!

After all that jawboning we got serious about getting back to something interesting! Dean, N2TNN and a gang headed for Tony's back yard with his SLV and a bunch of rigs. Meanwhile Joe, N2CX held a demo session on toroid winding by showing how easy it is to wind the tapped toroid required for the rainbow. Good news! We are going to supply Belldsol or Solder-eze wire in the kit so that there will be no need to scrape the enamel off the windings. As demonstrated, careful application of the heat of a soldering iron is all that's needed to strip and tin the wire. And it can even be done without damage to a dining room table if you are careful and put down a piece of plywood first. I don't think Clara saw that until it was over!

There was also some live Rainbow Bridge/Tuner operation. First, N2CX measured out 46 feet of hookup wire and a 23 foot counterpoise. KA5DVS and his wife Kathy tied on a piece of light line and hoisted one end diagonally into the air while its low end was tied to a picnic table. The counterpoise was merely laid on the ground. N2T0's 9030 was pressed into service and the Rainbow tuned up the wire in 15 seconds or so of adjustment. (Quick work was needed because the MFJ rig puts out nearly 5 watts and the small resistors in the proto Rainbow are only good for 2 watts continuous duty!) N2CQ then put out a quick CQ QRP and netted W9NJP, Jim, near Chicago. Jim's signal was 559, while Ken received a healthy 569! This is the first time the Rainbow has be demo'ed to a group on 30 meters. Bring on the 38 special!

Ken also checked out the Rainbow with his 40-9er. He had no 40 meter antenna so he just used a 1 kilohm resistor in its place. It tuned up flawlessly with the approx 200 mW output. The absorptive the swr bridge in the Rainbow makes using a tuner with the 40-9er easy. With ordinary SWR bridges, the high off-tune SWR makes it break into oscillation.

Meanwhile Dean and the gang were attempting to make a QS0 (I think with KA2UPW's rig). With the soggy soil and wind, the screwdriver used as a mounting spike couldn't hold it vertical for too long and we all had to duck to avoid being buggy-whipped! I think they did manage a 40 meter QS0.

All in all a good meeting, but never long enough!

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [7429] nw40 story
Message-ID: <199612292205.RAA26320@bbs.mpcs.com>

hi gang:

well i finally completed my nw40 rig and is it great. i looked into many rigs before deciding on this one. the major reason for selecting it was the 200 kc coverage. i want to use all of the cw available to me. the circuit board is so easy to work with due to the solder mask(never had this feature before). makes soldering a breeze and no shorted lands. i used the r/s case only due to it's smaller size. the only problem i had was that i was tuned up on the wrong sideband.(my fault). after setting up the transmitter using my counter i made my first of two contacts right away. i live in a restricted area so ants. are not allowed. i do have a few but not the best. the rec. is as hot as i have ever heard. overall i would give this rig a rating of 10 on a scale of 10. i even installed the optional power output meter which is nice to have along with the audio filter and var. bandwidth control.. if you are thinking of a qrp rig give alot of consideration to this one. if anyone has any questions i can answer please e-mail me direct.

btw i have no connection to the company at all...
Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

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| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|                      WI                                           |
|-----|
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K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [7421] oooopps!
Message-ID: <0441331229121996/A26255/RIEL/11ACEB201900*@MHS>

Sorry Keith....I was so excited I forgot to say it was 20 mtrs that was open...
thanks for the nudge!...Happy New Year!...73 Bruce(VE5RC) QRP-L#886
rattray@siast.sk.ca

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: chas@nmaa.org (Charles Kadesch)
Subject: [7394] Power Supplys on Steroids
Message-ID: <32C60B41.30ED@nmaa.org>

I just finished testing the Power Supplys that I
purchased from Allen Bond at a case of 12 for \$29
total. The name plate says 800 mA but these units
appear to be considerably underrated. I loaded one
down with a 5 ohm, 25W resistor and it delivered
well over 2 amps at over 12 volts and the very large
regulator heat sink was just warm to the touch. One
is now powering my Argonaut 509, and I've put one on
the workbench as a utility supply. That leaves ten
spares but I can see plenty of applications for them.
One of the better bargains I've seen lately.
-72-
Chas W3KC

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: EScott@gstworld.net (Erin Scott)
Subject: [7397] QRP + FOR SALE
Message-ID: <0000D0DB.3117@gstworld.net>

Hello and thanks for reading this I have an index labs QRP + for sale
works all bands 160-10 ssb and full break in cw. Very compact unit
with all the bells and whistles you might want. 400.00 O.B.O. can be
reached in any of the following ways:
ecscott@gstworld.net
1-888-582-1068 normal waking hours PST leave message
(509)-455-6272 8-5 mon thru fri

KC7LEU@N7UVH.#NID.ID.USA.NOAM

Again thanks for your time and have a happy new year. Erin Scott :-)

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: NilsBull@aol.com
Subject: [7405] QSL cards & QSL sources & other artsy stuff
Message-ID: <961229073241_812245305@emout19.mail.aol.com>

Ok, I'm gonna kvetch and wimper a while here.

Nostalgia ol' fuddy-duddy that I am, it seems a shame to puke out a bunch of QSL cards on a color printer, even if they are neat and high-tech and all that. But that's 'cause my first QSL cards were printed one at a time, one color at a time, on really nice bristol stock that reflects the light and makes the colors really pretty. And even if the typography was ugly -- 'cause I designed that part myself back before typographic sense kicked in -- I liked those first cards. My father printed 'em for me. And when I got out of the Navy, he printed me some more. I've still got 'em, hangin' on the wall, every card that I've ever had, especially the ones that Dad touched. That means a lot to me now, now that he's gone and now that I have half of his crazy type and press collection holding the garage floor down. About 8 tons of cast iron & type metal.

I print my own QSLs now. Mix the colors myself from Kelsey Blue or Van Son Chrome Yellow & a dash of metalized gold that dries faster 'n the press can run. If you've got one of my cards, you know what I'm talking about. Each one of 'em went into the press four times, once for each color. Hand fed. Hand set. I don't think you can get a better-looking card than these. Unless, of course you're gonna pay to have it done... which you can still do.

Many years ago there was a guy in Columbus, Tom Ebbert, who ran a shop called Ebbert's Graphics and Stamps. He used to have a booth at the Hamvention. Did a lot of business. We'd work the booth together and sometimes his son would come along. It was great. Really nice cards... and he wasn't running a motor driven platen press. No, Tom was nuts. A side-lever Kelsey. (I don't know how he did it; registration was right-on. Every card.)

If Ebbert's still in business, you'll find him in the 'zines. And if he ain't there are still lots of places that do very good work. Wayne '4MPY's shop is really good. And the guy... whatsiscall... 9IX or WI9X or something... from Indiana, he does really nice work... and he prints on bristol stock with an offset press. That takes guts, guys.

So look around for 'em in the 'zines. The printers are still out there. Some of 'em might be right there in your neighborhood. After Dad got so he

couldn't run his own shop, I found a guy down the street who printed a batch for me. Not as nice as Dad's work, but I had cards to send.

73

Nils

WB8IJN +c

The Tagalong Press

(founded 2 January, 1946...and you can guess whose birthday that is...)

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: Scott Bauer <ke3nv@erols.com>

Subject: [7403] rf probe

Message-ID: <199612290636.BAA28270@smtp2.erols.com>

Good Morning all,

I am getting ready to start an alignment procedure on a HW-8 that I have been building. One of the required tools is a RF probe, I dont have one.

Does anyone know if I can use something else instead ?

Thanks, and Happy New Year from the "rookie" 72, Scott W3CV

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: Bruce Rattray <RATTRAY@sias.sk.ca>

Subject: [7408] rf probe

Message-ID: <5720540829121996/A26057/RIEL/11ACEA341200*@MHS>

If you get your hands on an ARRL Handbook Scott there's usually an rf probe in there that you can build...just a few parts...I've done it and it works...

72/73 - Bruce (VE5RC) QRP-L#886 - rattray@sias.sk.ca

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: Mark Gilger <mgilger@concentric.net>

Subject: [7427] SWAN CYGNET MODEL 270

Message-ID: <3.0.32.19961228154835.006966e8@pop3.concentric.net>

Does anyone have a schematic for the Swan Cygnet 270? Have a new ham in the neighborhood that has one of those and is trying to get it on the air. It's got some problems and I would like to try and work on it for him. If anyone can copy the schematic, I would greatly appreciate it.

Better yet, if anyone has one sitting in their garage that wants to unload it to a new ham, I'm sure he would appreciate it.

Mark - WB0IQK/8 -

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [7407] The Amateur's Code - a refresher

Message-ID: <Pine.3.89.9612290837.A3381-01000000@w3eax.umd.edu>

I think we can ALL find fault with ourselves here. We are not just
"ordinary" people - it's our duty to act in an extraordinary way.

1) The Amateur is Considerate...he never knowingly uses the air in such a way as to lessen the pleasure of others.

interpreted: no jamming, no harrassment of others.

2) The Amateur is Loyal...he offers his loyalty, encouragement, and support to his fellow radio amateurs, his local club, and to the American Radio Relay League, through which Amateur Radio is represented.

interpreted: be a good person to other hams, and support the ARRL 'cuz it's our voice in the political arena.

3) The Amateur is Progressive...he keeps his station abreast of science. It is well built and efficient. His operating practice is above reproach.

interpreted: check your equipment. When someone gives you a bad report, try to figure out what's causing it. And use minimum power. And it's time to play spread spectrum SO LONG AS IT DOESN'T INTERFERE with existing communications.

4) The Amateur is Friendly...slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance,

cooperation and consideration for the interests of others; these are the marks of the amateur spirit.

Basically, the golden rule. Be kind to others because you'd want them to treat you well.

5) The Amateur is Balanced...radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

When your XYL/OM asks you to put the radio away for a while, or you have to go and walk the dogs, or you have to work a super-long day and miss Sweepstakes, do it.

6) The Amateur is Patriotic...his knowledge and his station are always ready for the service of his country and community.

Be ready for the time when the country or town needs us because the cell sites are no longer functioning. Have everything ready to run on batteries, and practice emergency communications.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: OSTEREN@HAL.LAMAR.EDU
Subject: [7430] UNSUBSCRIBE!!!!!!!
Message-ID: <961229162727.138c@HAL.LAMAR.EDU>

TAKE MY EMAIL ADDRESS OFF YOUR LIST. I AM TIRED IOF TELLING YOU TO STOP THIS STUFF.

UNSUBSCRIBE ME NIOW NOW!!!!

EARL OSTER, KA5UJC

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: "Frank, G3YCC" <g3ycc@enterprise.net>
Subject: [7404] Web site - latest additions
Message-ID: <199612290849.IAA26983@mail.enterprise.net>

LATEST ADDITIONS UPLOADED 29/12:

How to wind coils for tuned circuits - SM0VPO

Links to microwave sites - cook up a qrp set!

Enjoy!

-----72/3-----

Frank, G3YCC G QRP Club 042

QRP Web Site: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: "Frank, G3YCC" <g3ycc@enterprise.net>

Subject: [7423] Web site, more

Message-ID: <199612291847.SAA01811@mail.enterprise.net>

Latest addition:

2-tube transmitter - SM0VPO

Fixed duff link to SM0VPO index page

More to come, tomorrow (Monday)...

-----72/3-----

Frank, G3YCC G QRP Club 042

QRP Web Site: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: Steve Galchutt <N0TU@webaccess.net>

Subject: [7399] Re: 160 for HW-9??? (or HW8)

Message-ID: <32C5EF08.408C@webaccess.net>

Jim W7LS wrote:

>

> Hi, again. I'm looking for any mod out there that will allow 160 operation
> on the HW-9. I know about and have the 160 meter transverter that was in the
> Handbook. I am looking for one that just nukes one of the bands in the HW-9
> and replaces it with 160, if there is such a thing.

> Merry Christmas and hope Santa's reindeer don't get tangled in the
> tower guys and dipoles.....

>

> 73 de Jim, W7LS

About ten years ago I remember working a guy /mm who had put his HW8 on
160 but I never got the info from him and lost touch w/'em. But I'm
interested also if someone knows or has info on such a mod????

72 Steve

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Joe Gervais <vole@primenet.com>
Subject: [7417] Re: al7fs/kh6 bands beginning to open
Message-ID: <199612291813.LAA09935@primenet.com>

Howdy Jim,

> there are a few more sigs on 20 and now 3-4 on 30. I will go read my
> book and try again to check the bands at 1815. Update at that time.

Whoa! We're talkin' some lag time between you sending out
your messages and me gettin' 'em. It's 1810 and I just read
this, but have to head off to buy some landscaping materials.
Otherwise I could've scheduled the appt an hour or so later.

Don't suppose I could badger you into giving me (us) a 4-hour
warning notice? Maybe even 8 hours? I'd love to have my first
2xQRP Hawaii QSO.

Don't forget to break away and try a day-hike out there. Some
really incredible terrain on those islands. And a night of
stargazing on Mt. Haleakala is impossible to beat!

Say howdy to the geckos!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [7393] Re: F R Sales J37 key & Accesories
Message-ID: <961229020639_70731.722_EHM54-1@CompuServe.COM>

Hope someone saw the requests for Fair Radio Sales of Lima Ohio's phone
number before I did and posted it. Just in case they didn't here it is:
419-223-2196.

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Joe Gervais <vole@primenet.com>
Subject: [7401] Re: FOX: hints from W5TFB
Message-ID: <199612290459.VAA12010@primenet.com>

John (VE3JC) wrote:

>
> I think at this time of year, with "New Years Resolutions" it's
> probably a good idea to step back and put things in perspective.
> If the propagation gods aren't smiling, turn the rig off and read
> a story to the kids or spend the time talking to the xyl instead
> of listening to qrn.

Hey wait, you *can* have it all. The last few Foxes have been abysmal for me (lot's o' hunters, just a little Fox fur), so I'll read yet another Elmo book to the boys while listening to the pileup in the background. If the Fox happens to leap up out of the noise, we run over to the rig and fire off a few shots.

Doesn't get 'em to bed any quicker, but hey, these are important skills they're learning. :-) And it's one more thing they can share with ol' Dad.

That MFJ practice straight key they got for Christmas is a pretty big hit. I'm the happiest parent alive! Hee hee.

Happy Holidays de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7415] Re: FOX: hints from W5TFB
Message-ID: <199612291712.KAA16232@dancris.com>

At 09:59 PM 12/28/96 -0700, you wrote:

>
>John (VE3JC) wrote:
>>
>> I think at this time of year, with "New Years Resolutions" it's
>> probably a good idea to step back and put things in perspective.

>> If the propagation gods aren't smiling, turn the rig off and read
>> a story to the kids or spend the time talking to the xyl instead
>> of listening to qrn.
>
>

Yeah, but this Fox hunting is addictive. I don't know how many times I've put something off so I could hunt. The other evening in fact, there was a service for an acquaintance who passed away, and it conflicted with the Fox hunt. What a dilemma. Well, he isn't going anywhere for awhile. Got the Fox. 73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: kd1jv@juno.com (Steven Weber)
Subject: [7392] Re: Power Supply ?
Message-ID: <19961228.193538.7743.0.KD1JV@juno.com>

>I need a 1.5 amp power supply. I have two 1 amp supplies. What
>effect will connecting the two parallel have? Will I have a 2 amp
supply?
>
>72, Bob KI0G

Hi Bob,

NO NO NO NO NO DON'T DO
IT!!

If the two supplies are regulated, it is very unlikely that both will be exactly the same voltage. And I mean exactly. Which ever supply has the greater output voltage will effectively shut the other regulator down. Load sharing will not be equal and all kinds of strange things, like oscillations might occur.

It is remotely possible that one supply will put out the bulk of the current, and when that runs out of regulation, the other one will finally kick in. You do run the risk of destroying one or both of the supplies, so I'm not going to recommend the experiment.

If they happen to be switching regulators, most likely one or both will

smoke.

If you don't need the full 1.5 amps all the time, just on peaks, chances are good the 1 amp supply will put out 1.5 amps. (Unless they are current limited at 1 amp or if it uses a three legged regulator) You might try adding a BFC (big friggin capacitor) say 10,000 ufd's, across the filter cap in one of the supplies. This will reduce the ripple voltage and possibly keep the regulator regulating. This wouldn't work if the supply has a marginal power transformer whose output voltage falls quite a bit under load, or uses wimpy rectifier diodes that can't handle the surge to charge the cap, or poor heat sinking on the regulator transistor.

It might be possible to isolate the two supplies with a 1 ohm resistor (2 watt min) and use the BFC at the junction of the two resistors. You will lose some output voltage and regulation this way.

The best solution is to go out and buy a 2 amp (or better) supply.

Good luck

de KD1JV, Steve in NH

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: PaulKB8N@aol.com
Subject: [7409] Re: Power Supplies on Steroids
Message-ID: <961229101430_1922545177@emout05.mail.aol.com>

In a message dated 96-12-28 21:21:57 EST, chas@nmaa.org (Charles Kadesch) writes:

<< I loaded one
down with a 5 ohm, 25W resistor and it delivered
well over 2 amps at over 12 volts and the very large
regulator heat sink was just warm to the touch. One
is now powering my Argonaut 509, and I've put one on
the workbench as a utility supply. That leaves ten
spares but I can see plenty of applications for them.
One of the better bargains I've seen lately. >>

Chas,

Agree completely. I got some and I think Allen Bond should be knighted for discovering and selling these at such a great price. I opened one up, and this is indeed a quality unit.

Paul, KB8N

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: ed.welch@cheaha.com (ED WELCH)
Subject: [7402] RE: Radio Shack "Communications" headphones
Message-ID: <8CF0509.000400124A.uuout@cheaha.com>

-> >Howdy, Keith. This all sounds good, but you didn't say anything
-> about >comfort which is one of the major reasons that I'm considering
-> a new >pair. Do your ears have discomfort from extended use? If the
-> mechanics >es electronics are good I might be tempted to try a pair
-> of these.

-> That was a mistake on my part. The comfort level was/is a factor.
-> The headband tension is adequate to keep the phones in place securely
-> and the pads are thick enough to be comfortable. I used the phones
-> for the last couple of contests, up to 6 hours at a time with no "Ear
-> Crunch" or other headphone afflictions.

I don't know about this. I stopped by a Radio Shack in Montgomery this evening after going to a VE testing at the VA Hospital. The phones seem light enough es probably comfortable enough, but for me they won't work. I'm a long-hair from the 70's and the light phones just don't work for me...they tend to slide around...move away from the ear, etc.,. Maybe it's my big ears or maybe I need a haircut. :) Anyhow, I'm sure they work well for folks with more conservative(?) haircuts es normal(?) ears. (Alright Jim, hold the remarks...I let you slide last time!<g>) They're definitely light enough and the frequency range is supposedly good. And, for \$9.95 they're not a bad buy. They had some Nova 31's for something like \$5.95 but I didn't see any specs on them.

-> Just remember, they failed the 100 Kg+ static load test. If you
-> weigh less, step on them at your own risk.

Dang! I forgot about this....I could've tried it at the store! ;)

-> Disclaimer: I have no financial interst in Radio Shack, Tandy or
-> whatever, but they own a BIG piece of me thru their credit card...

I know what u mean, Keith. My wife always asks me what I've got in the black bag...our retirement? :)

Tnx for the feedback, I'm still looking *but* the RS phones are a good buy! Take care es Happy New Year!!!!

72/73

Ed Welch KF4KRV/AG :)

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: launerb@crl.com (William H. Launer)

Subject: [7419] RE: Radio Shack headphones

Message-ID: <v01530500aeec5ba92a9b@[192.0.2.1]>

QRP-L Gang,

In anticipation of the "38 Special" kit, I went to Radio Shack and purchased a pair of NOVA-44 headphones (on sale locally for \$15.95). I connected them to my SP-600 rx (I'm not one who can wait to see if something works!). They are quite comfortable (compared to my Superex phones), but the hi-fi frequency response of 20 - 20,000 Hz is a detriment. When connected to an AC powered rx, any 60 Hz hum on the audio is passed right through. The hum isn't noticeable when I'm using the salvaged tv speaker - guess this shows the audio quality of tv speakers!

Any "hi-fi" headphones (or speakers) with low frequency response will exhibit this same 60 Hz hum problem - it's not peculiar to RS phones. "Communications" phones with frequency response of 300-3000 Hz are a better solution, but good ones usually aren't inexpensive. A good audio band-pass filter may be the solution.

Happy New Year,

72/73, Bill wb0cld

Bill Launer

St. Charles, MO

launerb@crl.com

wb0cld@wb0cld.ampr.org [44.46.66.25]

qrp-l #279 qrp arc1 #3551

Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [7406] Re: rf probe
Message-ID: <2.2.32.19961229124051.006bc064@nbn.net>

Try building this probe from an old ARRL Handbook. The same design appears in the ARRL "Solid State Design" book.

The RF probe rectifies RF voltage so your multimeter can read it as DC voltage.

The probe should be shielded, like in a small diameter piece of tubing. Without the shielding, there's the chance of some RF riding along with the rectified DC into the meter, throwing off the measurements. Without the shielding, give it a try anyway, building it on a scrap of perf board....

Just solder a 1N34 diode across a 4.7 megohm resistor. The stripe or cathode end of the diode is the end that faces the circuit you are testing. The other end of this diode-resistor pair plugs into the positive socket of your multimeter.

At the striped end of the diode, solder one leg of a .001 disc capacitor. Straighten the other end of the disc capacitor lead and that becomes the tip of your probe.

Clip your ground wire from the multimeter to the chassis of the rig and you're ready to make rough DC measurements.

Ideally, this probe should be shielded. At the least, try using two or three feet of RG-58 coax or whatever you have around the shack, then solder the diode/capacitor to the center lead of the coax along with the RF blocking capacitor as the tip of the probe.

The shield of the coax clips to the RF ground of the circuit you're testing....

Good luck,

Tom, WA3REY

At 01:36 AM 12/29/96 -0500, you wrote:
> Good Morning all,
>

> I am getting ready to start an alignment procedure on a HW-8 that I
> have been building. One of the required tools is a RF probe, I dont
> have one.

> Does anyone know if I can use something else instead ?

>

> Thanks, and Happy New Year from the "rookie" 72, Scott W3CV

>

>

>

>

>

>

>

Tom Bowman, WA3REY <><

Mount Gretna, PA 17064

tbowman@nbn.net

From owner-qrp-1@Lehigh.EDU Sun Dec 29 18:23:44 1996

From: N4JS <n4js@amsat.org>

Subject: [7431] Re: UNSUBSCRIBE!!!!!!!!!!

Message-ID: <v03010d02aeeca6abf23d@[206.106.174.44]>

>TAKE MY EMAIL ADDRESS OFF YOUR LIST. I AM TIRED IOF TELLING YOU TO
STOP THIS STUFF.

>UNSUBSCRIBE ME NIOW NOW!!!!

>

>EARL OSTER, KA5UJC

I responded privately to this "genetlemen," but thought you all might
enjoy this.

Although this isn't the *only* way to sign off the list, it is the
most

fool-proof. Please read these instructions completely before
beginning.

Tools needed: one Hammer, one screwdriver, one pair of pliers, one

heavy-duty pair of wire cutters, one bucket of saline water, a box of sani-wipes.

Step #1: Stop payment on any checks that you may have sent to your Internet

Service Provider (GOD).

Step #2: If GOD is unresponsive and you are still receiving mail from this

list, you will need to find the "mailhost". This is a machine usually located in a locked office. Every day around noon, the mailman will deliver

a box of diskettes with that day's mail messages, including yours from this

list, to this machine. Typically, only a handful of people have keys to the

"mailhost". The reason why this machine is locked up is because this is

typically the best,

fastest, most powerful computer at your facility and the people with keys don't

want to share it. If you must, break or pry the door down with one (1)

hammer (you did get all the tools needed?).

Step #3: find the ON/OFF switch for this machine. Using the pliers, set the

switch to the OFF position by tugging downwards until the disposable plastic

switch breaks away from the computer casing. Discard the disposable plastic

switch in an environmentally-friendly manner. This will alert the mailman

to no longer deliver the diskettes with the messages to the "mailhost" not

unlike the

little red flag found on mailboxes. This should resolve your mail problem

immediately.

Step #4: You may experience a recurrence of mail within 72 hours. If

this should happen, you will need to disable the "mailhost" once again with

more forceful measures. Repeat Step #2. Don't be suprised if there is a

sturdier door in place than the one you destroyed previously. This is due

to the fact that the "Have Key" clique found out that someone has seen their

private stash of computer equipment.

Step #5: After you have once again regained entry into the "mailhost"

room, open up the back of the "mailhost". There may be a large tv-like

device on top of the "mailhost" You will need to remove this first. Take

your wire cutters, and cut any cables binding the tv-like device to the

"mailhost". Set the tv-like device to the side. With your screwdriver,

remove each and every screw that you can find on the "mailhost". Shake

vigorously. Once this is done, the "mailhost" should break away into two or

more pieces. Do not be

alarmed, this is normal.

Step #5: Find a large box with a fan attached to it. It will be clearly

marked with the following labels: "Danger" "High Voltage" "Do not open - no

user-servicable parts". Don't worry, these labels are merely in place to

satisfy OSHA requirements and you are not in any danger at all. Take the

bucket of saline water and pour it into any vents or ports that the large

box may have. Any extra water should be poured directly into the computer

chassis, be sure to

properly soak each and every component.

Step #6: In the event of fire (OSHA has been known to be right on occassion), douse any flames with the sani-wipes.

This solution is provided without warranty. It is not bio-degradable or fat-free. In the event of sudden death, contact a physician immediately.

<fontfamily><param>Helvetica</param>

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